REMARKS

Claims 2 to 4, 6 to 12, and 23 to 26 are pending. In the amendment filed July 24, 2009, what was intended to be new claim 23 was inadvertently omitted. That claim was referred to in the Remarks section of the prior amendment, and claims 2 and 3 were amended to be dependent on the new claim 23. To correct that omission, formerly numbered claims 24, 25, and 26 have been renumbered as claims 23, 24 and 25, and what had been intended as claim 23 is submitted as new claim 26. Claims 1 and 2 have been amended to be dependent on new claim 26, and claims 6 and 12 have been amended to be dependent on renumbered claim 23.

For the convenience of the Examiner's reconsideration of the claims, the claims are grouped as follows:

Claims 26 and 2 to 4 – directed to a portal site data providing device

Claims 23 and 6 to 12 – directed to a portal site providing system

Claim 24 – directed to a method for supplying portal site data to a portable terminal

Claims 25 – directed to a computer program product which implements a method for supplying portal site data to a portable terminal

In paragraph 6 on page 3 of the Office Action, the Examiner notes that the numbering of the claims was not in accordance with 37 C.F.R. 1.126 which requires that when new claims are presented they must be numbered consecutively. As noted above, what had been intended to be new claim 23 was inadvertently omitted, causing the hiatus in the numbering noted by the Examiner. The new claims 24, 25 and 26 added in the prior amendment have been renumbered as claims 23, 24 and 25, as required by the Examiner.

The renumbering of the claims and the amendments to the dependent claims made by this amendment is believed to overcome the Examiner's objections to claims 1 and 2 and to claims 6 and 7 under 37 C.F.R. 1.75, and withdrawal of those rejections is respectfully requested.

Each of the independent claims 23 to 25 have been amended and new claim 26 written to include the limitation that the portal site providing device is placed in portable telephone shops, convenience stores, and the like. Support is found in the specification as originally filed at paragraph [0088], which states the following:

"FIG. 2 shows the portal site data providing device. FIG. 2A is an example of the external appearance and FIG. 2B is a functional block diagram of the configuration. The portal site data providing device 2, for example, is placed in portable telephone shops, convenience stores, and the like."

Claims 24, 2 to 4, 6 to 12, 25, and 26 were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent Application Publication No. 2002/0032785 of Britt, Jr., or, in the alternative, under 35 U.S.C. §103(a) as obvious over U.S. Patent Application Publication No. 2004/0054750 of de Jong et al. These rejections are respectfully traversed for the reason that Britt, Jr. neither shows nor teaches the claimed invention, and the combination of Britt, Jr. and de Jong et al. does not show, suggest or otherwise teach the claimed invention

The present invention is able to provide, as will be described in more detail below, a feature of the disclosed and claimed invention is that the user uses the portal site data providing device 2 for storing the address data of the desired portal site of the user oneself to the SIM card 11. In other words, the portal site data providing device 2 is made conveniently accessible to the user so that the user, by inserting the SIM card 11 into card reader/writer 22 of the portal site data providing device 2, can store the address data of the desired portal site to the SIM card 11. The claimed invention accomplishes this not by using a portable telephone but by using a device having a large display that is placed at places where a user goes, as is clear from the amended claims. Compared to this, although the cited references disclose elements necessary to obtain data from a portal site, the references fail to disclose providing a portal site data providing device at places such as a portable telephone shop or a convenience store where the user goes, and communicating data mainly with this portal site data providing device, as in the disclosed and claimed invention. Thus, it is

not possible to provide the advantages of the invention made possible with a portal site data providing device which serves as the user interface to the system.

More particularly, the disclosed and claimed invention is directed to a system which can display a portal site desired by a user of a portable terminal at the time of connecting to the Internet without requiring the user to operate the portable terminal, making it convenient for the user when using the Internet through the portable terminal. The invention is particularly suitable to a GSM-type portable telephone used as the portable terminal. In a GSM-type portable telephone, which is mainly used in Europe, a Subscriber Identify Module (SIM) card is used for identifying a subscriber. The SIM card is issued when subscribing to the GSM service and can be used by being inserted in the GSM-type portable telephone. Stored in the SIM card are a SIM ID, which is specific to each card, a telephone number as the information of the subscriber, a PIN code as a personal identification number, and the like. The GSM-type telephone cannot be used until the SIM card is inserted. Thus, the SIM card to which the identification data of the user is stored is used by being mounted to the portable telephone as the portable terminal and the address data for the portal site is stored therein.

The user uses the portal site data providing device 2 for storing the address data of the desired portal site of the user oneself to the SIM card 11. When the user touches the display 21 of the portal site data providing device 2, first, the screen as shown in Figure 12A is displayed on the display 21 of the portal site data providing device 2 as an opening screen. Then, the user, according to a command for inserting the SIM card (step S102 of FIG. 8) as displayed in the center of the bottom of the screen, inserts the SIM card into the card reader/writer 22 (see FIG. 2A) (steps S103, S104 of FIG. 8). By selecting a button positioned in the bottom left of the opening screen, update information of the contents which can be mounted to the portal site is displayed as shown in FIG. 12B. Subsequently, the portal site data providing device 2 to which the SIM card is inserted, as shown in Figure 13A, requests a user U to input the PIN code of the SIM card (step S105 of Figure 8). The user authentication

processing is performed (step S2 of Figure 4). After completing the authentication processing, the editing processing of the portal site of the user is performed (step S3 of Figure 4). The editing processing is illustrated in Figure 5. If in the course of selecting content, the user can request to edit the content (YES in step S20 of Figure 5, step S124 of Figure 9). In response to the request for editing, the portal site data providing device 2 displays a list of the contents as shown in Figure 15A (step S21 of Figure 5, step S125 of Figure 9). Upon receiving the information from the user for selecting the contents, the portal site data providing device 2 displays the menu of the portal site reflecting the contents of the received information, such as the details of the added contents (Figure 17A) and a menu list of the portal sites to which the details of the contents are inserted (step S24 of Figure 5, step S127 of Figure 9). After completing the editing of the contents, the user presses the "OK" button on the screen of the portal site data providing device. Thereby, as shown in Figures 18A and 18B, the contents of the portal site selected by the user can be displayed. Upon receiving the response from the portal managing server 3, the portal site data providing device 2 reads out the URL of the portal site being transmitted from the portal managing server 3 (step S132 of Figure 9), or obtains, for the first time, the URL from the portal managing server 3 at this time and adds the encoded SIM ID to the end of the URL (step S133 of Figure 9) to be written to the SIM card (step S134 of Figure 9). Thereby, the SIM ID is added to the end of the URL written to the SIM card, so that it becomes the URL peculiar to each user. The URL is for accessing to the portal managing server. During the time of recording it to the SIM card, the screen as shown in Figure 19B is shown on the display of the portal site data providing device 2. When the URL is actually written to the SIM card (step S135 of Figure 9), and the response data is received after completing the writing (step S136 of Figure 9), the writing completion screen as shown in Figure 20A is displayed. Then, as shown in Figure 20B, a screen for suggesting to pull out the SIM card is displayed (step S137 of Figure 9).

From the foregoing brief explanation, it will be appreciated that it is possible

for the user to easily set the portal site containing the website desired by the user oneself while viewing the screen displayed in the portal site data providing device 2 and to record the URL of the sites to the memory medium of the own portable terminal.

As shown in Figure 1, the system according to the present invention comprises a portable telephone 1 which is a portable terminal owned by a user; a portal site data providing device 2 for directly providing portal site data to the portable telephone 1, a portal managing server 3 connected through a network N for managing the data, user information and the like provided from the portal site data providing device 2, and a contents server 4 for distributing the contents by building a website. As mentioned previously, the portal site data providing device 2 is made conveniently accessible to the user so that the user can perform the following sequence of operations by oneself. The user of the portable telephone 1 inserts a memory medium 11, such as an SIM card, of the portable telephone 1 into a card reader/writer of the portal site data providing device 2 at the time when the user subscribes for the portable telephone 1 for the first time to start using the service. Subsequently, the user selects a desired website on the display of the portal site data providing device 2 and stores the portal site data in which the links to the site are displayed as a menu to the memory medium. In this way, the user can easily obtain the data in regards to the user's desired site even at the time of using the portable telephone. The portable telephone 1 has a function of accessing to the URL of a portal site at the time of connecting to the Internet by reading out an address data when the address data of the portal site is stored in advance. For example, the URL of the portal site is stored within the SIM card 11, and the portable telephone 1 has a function of accessing to the portal site by reading out the URL within a specific region of the SIM card. The URLs stored in the SIM card 11 are stored in advance by inserting the SIM card 11 into the portal site data providing device 2.

As shown in Figure 2A, the portal site data providing device 2 comprises, on its top face, a display 21 functioning as a touch panel 26 (user input device), and a

card reader/writer 22 (data reading/writing device) for reading/writing data from/to a storing area of an SIM card 11 of the portable telephone 1 when the SIM card 11 is inserted a card holder 11a (Figure 2B). Figure 2B shows the functional components of the portal site data providing device as comprising a CPU 23 as an operation unit, a memory 24 or a hard disk as a storage unit. Further, the device can be connected to other computers through the network N and comprises a communication unit 25 as a communication device for achieving this.

The portal managing server 3 is a server which provides various data to the portal site data providing device 2 and manages the data regarding the portal site, which is customized by the user. The configuration of the portal managing server 3 (including the portal managing database 31) is described in the specification by reference to the functional block diagram of Figure 3. In the CPU 32 of the portal managing server 3, a specific program is installed and comprises a function of managing various data such as the data to be supplied to the portal site data providing device 2 to be displayed on the display 21 of the device 2, the portal information for specifying the portal site for each user, and the like. The portal managing database 31 contents to be distributed to the portable terminal 1 of the user. This includes the URL of the site to be the address of the portal site built by the portal managing server 3 itself is stored. The URL is provided to the portal site data providing device 2 and written to the SIM card 11 of the portable telephone 1 by the device 2.

Contrary to the Examiner's position, Britt, Jr. does not disclose the claimed invention. For example, the Examiner takes the position that Britt, Jr. discloses a portal site data providing device, citing paragraphs [0044]–[0046]; however, this citation describes nothing that would correspond to the recited portal site data providing device. The fact is that Britt, Jr. does not contemplate, much less show, a portal site data providing device. What Britt, Jr. discloses is a system which displays a user's schedule for the day.

In Figure 1 of Britt, Jr., a server 110 communicates with a client 150 such as a wireless computing device and other network servers 130 over a network 120 (e.g.,

the Internet 122). The server 110 includes a user database for storing various types of user configuration and account data. Users may register and login to the server 110 from a client 150 by specifying a user ID and/or password. According to one embodiment, a user connects to the servers 110, 130 via a browser which communicates via the Hypertext Transfer Protocol (HTTP). Users may configure the server 110 to retrieve and manage specific types of information. For example, a user may configure the server 110 to retrieve up-to-date stock quotes for a specified set of stocks (e.g., reflecting the user's portfolio), to collect the weather forecast for the user's hometown, and/or to retrieve recent articles relating to a particular sports franchise. The portal server will then retrieve the specified information from other servers (e.g., server 130) on behalf of the user. The server 110 also provides application services such as email, online scheduling (e.g., appointments, to-do lists, etc), instant messaging, contact management, word processing and a variety of other online services. Users may access these services by logging in to the server 110 with a valid user ID and password. The server 110 generates a unique, personalized Web page for each user containing links to all, or a subset of, the information and/or services subscribed to by the user.

In one embodiment, the wireless computing device 150 stores and processes user-specified information and/or programs as well as non-user-specified information/programs (e.g., targeted advertisements based on the user's profile). The information/programs may be transmitted to the wireless computing device 150 through the client 150, and/or directly via wireless broadcast. Thus, the wireless computing device 150 in this embodiment is a removable extension of the server 110, storing a subset of the information and services maintained by the server 110 on behalf of the user. For example, a user may configure the server 110 to periodically download the user's to-do list (or other scheduling data) to the wireless computing device (e.g., every morning, every two hours, every time the user connects the wireless computing device to the client 150, etc). When the user leaves the office, he/she can simply take the wireless computing device with him/her and view his/her

schedule throughout the day.

In another embodiment, the user may customize the wireless computing device 150 preferences and content which will be downloaded to the wireless computing device 150 from the server 110. This may be accomplished, for example, by selecting certain preferences/content from a server 110 Web page (e.g., by using an online programming interface as described below). For example, the user may choose to have each day's to-do list downloaded to his wireless computing device 150 and may also program the device 150 (e.g., via the server 110) to continually display the next scheduled event for the day. Various other user interface and content-based data may be transmitted to the wireless computing device 150 from the server 110 while still complying with the underlying principles of the invention.

As shown in Figure 2, the wireless computing device 150 is comprised generally of a microcontroller 505, an external memory 550, a display controller 575, and a battery 560. The external memory 550 may be used to store programs and/or portal data 565 transmitted to the wireless computing device 150 from the server 110. The external memory 550 may be a non-volatile memory (e.g., an electrically erasable programmable read only memory (EEPROM); a programmable read only memory (PROM)). Alternatively, the memory 550 may be a volatile memory (e.g., random access memory or RAM) but the data stored therein may be continually maintained via the battery 560. Microprograms and portal data 560 are transmitted from the server 110 to the external memory 550 of the wireless computing device via a communication interface 600 under control of the CPU 510.

As illustrated in Figure 3, communications functionality is provided via a modular networking interface 916, which may be easily modified/replaced without altering existing wireless computing device applications 910 or significant portions of the bytecode interpreter 912. For example, when changing from a CDPD network to a 3G network, only the network interface component 916 of the VM interpreter 912 will need to be updated (along with any required 3G hardware 914) to support the new 3G protocol. The server 110 converts standard applications and data into a

format which the wireless computing device 150 can properly interpret. Accordingly, the server 110 may include a content conversion module 920 for processing wireless computing device 150 requests for Internet content 940. More particularly, the server 110 acts as a proxy for the wireless computing device 150, forwarding Internet requests 940, 941 to the appropriate Internet site 130 on behalf of the wireless computing device 150, receiving responses from the Internet site 130 in a standard Internet format (e.g., Web pages with embedded audio/video and graphical content), and converting the standard Internet responses 924 into a format which the wireless computing device 150 can process (e.g., bytecodes). Because the server 110 has an intimate knowledge of the capabilities/configuration of each wireless computing device 150 (e.g., screen size, graphics/audio capabilities, available memory, processing power, user preferences, . . . etc) it can reconstruct the requested Internet content accurately, while at the same time minimizing the bandwidth required to transmit the content to the device 150. When a particular Web page or other Internet object has been converted into a format suitable for execution on the wireless computing device 150 (e.g., Java bytecodes and data) the formatted page/object may be stored locally on a cache 925 at the server 110. Thus, the next time the content is requested, the conversion module 920 may simply read the previously-generated code from the local cache 925 (i.e., it will no longer need to retrieve the content from remote locations to reconstruct the code).

In rejecting claim 1, the Examiner equated the recited portal site data providing device with the Abstract and paragraphs [0009] and [0040] of Britt, Jr., saying that the server uses "the identification module on [sic] wireless computing device to identify use is 'portal site data providing device for reading an ID from a portable terminal' as claimed." However, new claim 26 recites "A portal site data providing device connected to a portal managing server via a network, the portal site data providing device storing, in a memory card of a portable terminal, data which enables making an access to a portal site desired by a user or a portal site having a link to a desired website provided in advance by receiving it from another device

without operating the portable terminal . . ." Nothing of the sort is contemplated by Britt, Jr.

New claim 26 further recites that the portal site data providing device comprises "a display functioning as a user input device" and "a card reader/writer for reading/writing data from/to a storing area of a memory card of the portable terminal when the memory card is inserted in the card reader/writer", the combination of which is not contemplated by Britt, Jr.

New claim 26 further recites that the portal site data providing device comprises "a data reading/writing processing unit for reading/writing data from/to the memory card of the portable terminal inserted in the card reader/writer, the data reading/writing processing unit arranged to read an ID from the memory card" and "a communication unit for communicating with the portal managing server on the network and transmitting the ID read from the memory card to the portal managing server for authentication", neither of which are contemplated by Britt, Jr.

New claim 26 further recites that the portal site data providing device comprises "a portal specifying information receiving device for receiving a user-input portal site specifying information specifying user selection from among a plurality of portal site content options generated by the portal managing server" and "a portal site data providing device for transmitting the user-input portal specifying information to the portal managing server and for receiving, from the portal managing server, a corresponding user-specific portal site address data indicating an address for the portable terminal to subsequently access the portal site specified by the user-input portal specifying information, wherein the data reading/writing processing unit is arranged to store the corresponding user-specific portal site address data appended to the ID read from the memory card in the memory card of the portable terminal."

From the foregoing, it will be appreciated that even given the broadest interpretation the Examiner has applied to the Britt, Jr. reference, that interpretation does not apply to new claim 26. A similar analysis can be made for each of the new independent claims 23, 24 and 25.

The Examiner states that while he believes that Britt, Jr. "fully anticipates each and every feature of claim 24 [renumbered herein as claim 23], it would have been obvious to one of ordinary skill in the art at the time invention was made to incorporate de Jong (US 2004/0054750) into Britt, Jr. (US 2002/0032785) to include a portal site data providing system for reading an ID from a memory card of a portable terminal, receiving a user-input portal specifying information and storing in the memory card of the portable terminal a portal site address for the portable terminal to subsequently access a portal site built according to the user-input portal specifying information . . ." It is respectfully submitted that the combination of Britt, Jr. and de Jong et al. does not make obvious the claimed invention, despite the Examiner's attempt to reconstruct the references to meet the limitations of the claims.

Like Britt, Jr., there is nothing in the de Jong et al. disclosure that would in any way correspond to the recited portal site data providing device. This is the device that provides the user interface to the system. What de Jong et al. are specifically concerned about is digital content access control, not user selection of content, as provided by the disclosed and claimed invention.

In view of the foregoing, it is respectfully requested that the application be reconsidered, that claims 2 to 4, 6 to 12, and 23 to 26 be allowed, and that the application be passed to issue.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

A provisional petition is hereby made for any extension of time necessary for the continued pendency during the life of this application. Please charge any fees for such provisional petition and any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,

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